

ABSTRACT OF THE DISCLOSURE

5 A power transfer mechanism includes an input, first and second
outputs, a synchronizer for releaseably connecting the input and first output, a speed
reduction drive path for driving the first output at a lower speed than a speed of the
input including a pinion secured to the input, a gear journaled on the layshaft and
driveably engaged with the pinion, a second pinion journaled on the layshaft, a second
gear secured to the first output and driveably engaged with the second pinion, a first
clutch for releaseably connecting the first gear and the second pinion, and a second
10 clutch for releaseably connecting the second gear and the transfer drive. The coupler
may be a synchronizer clutch or a dog clutch.